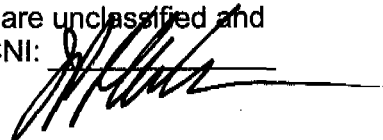




KAISER • HILL
COMPANY

MEMORANDUM

Date: March 13, 2002

Minutes are unclassified and
NOT UCNI: 

To: Jan Robbins

From: Pam Arnold

Subject: WEEKLY STATUS MEETING DOE/LRA for March 13, 2002

Attached are the minutes for the referenced weekly meeting for the Operating Record.
In attendance were:

R. Ahlstrand	D. Foss	K. Kunert	D. Onyskiw
P. Arnold	F. Gerdeman	L. Langlois	D. Ward
J. Floerke	K. Harms	M. McGrory	

In addition to the attached status, the following was discussed:

1. Action Items were reviewed from last week's minutes. One item was completed; open items include 1, 2, and 4, which will be carried over until completed.
2. Arnold discussed the proposed DOP language change regarding the transfer of the B374 transfer lines and tanks 231 A & B. Onyskiw said that Hindman had not had a chance to look at the language and she was not, therefore, ready to provide approval. The issue will be brought up each week until resolved.
3. Gerdeman informed the group that the shipping of standard waste boxes may not resume until June. He asked what the impact would be to the Project and encouraged our participation in helping to identify and resolve issues causing the delay.

ACTION ITEMS FROM THIS MEETING: (to be included in next week's agenda)

1. McGrory is to indicate when the Tank T231A is scheduled for sludge removal, which is dependent on a sub-contractor selection and subsequent agreements. (carry over from 2/13/02)
McGrory is to provide a copy of the D&D schedule, which has been recently revised to include reviews by DOE/CDPHE, to Gerdeman and Ahlstrand. (carried over from 2/27/02)
3. McGrory is to forward the latest 800 package to Onyskiw and Hindman and inquire about the 6-hour blowdown for both the high and low level lines. (carried over from 2/27/02). Note that there will be two packages for both the 400 and 800 blowdown work – one will blow down the lines and the second will tap and drain.



371/4 Project
WEEKLY STATUS MEETING DOE/LRA for March 13, 2002

ADMIN RECORDS

B371-A-000078

1/13

4. Arnold is to seek approval for the proposed language change to the DOP at next week's meeting.
 5. Harms is to call or E-mail Onyskiw with the Beryllium results regarding the 400 and 800 packages.
- End

B371 CLOSURE PROJECT
WEEKLY STATUS MEETING

Every Wednesday, 9:30 a.m.

B371 Conference Room

March 13, 2002

AGENDA

INTRODUCTION – Pam Arnold, X6035, Pager 303-212-4835

B374 Sludge Discussion – Mike McGrory, X5100, Pager 303-212-2146 & Kerry Harms, X5558, Pager 303-212-5498

D&D

Presenters – Jim Floerke, X2850, Pager 303-212-3292 & Mike McGrory, X5100, Pager 303-212-2146

- B374 Deactivation
- Liquids Draining
- Tank Deactivation
- Glovebox Deactivation
- CSV Deactivation
- Cerium Nitrate
- MAA/PA Closure
- Breathing Air
- Cold Area Status
- Sets 7, 21, 14, and 36 Status

ENVIRONMENTAL – Pam Arnold, X6035, Pager 303-212-4835

AUTHORIZATION BASIS/BIO – John Almon x3217, Pager 303-212-3426

ACTION ITEMS FROM LAST MEETING:

1. McGrory is to indicate when the Tank T231A is scheduled for sludge removal, which is dependent on a sub-contractor selection and subsequent agreements. (carry over from 2/13/02)
2. McGrory is to provide a copy of the D&D schedule, which has been recently revised to include reviews by DOE/CDPHE, to Gerdeman and Ahlstrand. (carried over from 2/27/02)
3. McGrory is to forward the latest 800 package to Onyskiw and Hindman and inquire about the 6-hour blowdown for both the high and low level lines. (carried over from 2/27/02). Note that there will be two packages for both the 400 and 800 blowdown work – one will blow down the lines and the second will tap and drain.
4. Floerke is to break out the CSV section of the D&D summary to reflect those activities that are conducted in Sets 9 and 12 as a clarification.

5. Arnold is to ensure that the Activity numbers, which use to be included in the Summary, are reinstated.
6. Arnold is to prepare and provide the Idle Equipment process at next week's meeting.
7. Arnold is to discuss the proposed language change to the DOP at next week's meeting.
8. McGrory/Harms are to Include a discussion on Sludge removal as was requested by Ahlstrand as the first agenda item for next week to ensure that the discussion is held and there is sufficient time.
9. Floerke is to provide an update on the Technical Development (EM50 funding) and/or indicate a point of contact for Gerdeman. Funding includes things like remote pipe cutting and remote scanning. All activities in the Project subject to such funding would be within the D&D.

ACTION ITEMS FOR NEXT MEETING:

**D&D Summary (AAC/AAD)
Week Ending 3/8/02**

B374 Deactivation

- Blowdown of process waste water lines – 400 package is signed off; 800 package is in signoff.
- 231 sludge removal – working package to add HEPA filtered ventilation and package to melt ice prior to pumping sludge is in signoff.
- Cessation of operations - Planned for March 2002 at which time building will be in D&D.

Non-actinide Liquid Draining

- Continuing to develop Set 6 strategy.

Tanks

- Set 3 (3517) Completed removing Raschig Rings from Tank D65 2/8, D64 2/14, D132A 2/22; Tank D132C in progress (bag failure issues curtailed operations last week – operations re-started 3/11). Cerium decon and D&D ready packages are ready-to-work. (1AC103ET00)
- Set 4 Raschig Ring removal from tanks 152A & B complete; surveys determined tanks meet SCO requirements; Determining disposition of tanks 150 & 133 (have non-boron silica rings); cerium decon and D&D ready packages are ready work. (1AD104AH00)
- Set 13 cerium decon and D&D ready packages for 2307 and 2317 are ready-to-work. Pre-reqs for 2307 Raschig Ring removal completed. The 2317 mechanical line isolation package is ready to work (waiting on room scans). The line isolation work package for 2319 is in Engineering. (1AC113AT00)
- Set 15 (2223) line isolation walkdown complete; package in planning. (1AC115AT00)

Gloveboxes

- Planning GB deactivation as contingent work for the Waste Team.
- Deactivation of Room 3511, Set 16 was planned to start week of 3/4/02. Waiting on IWCP for magnahelic gauge which measures DP in glovebox (needs to be swapped out with a new calibrated gauge by Maintenance). (1AC116EG00)

Set 9 (CSV) and Set 12 (Glovebox Removal)

- I/O 8 Mods:
 - I/O 8 modification package ECR has been signed off. .
 - The guillotine door switch relocation package has an ECR; should complete by March 14.
 - I/O 8 drain line installation package is in progress.
- Glovebox Removal:
 - Lead removal is 90% complete; remaining lead will be removed with the lead windows.
 - Mechanical isolation package started 2/19 and is approximately 90% complete (will close after oil has been removed).
 - GB removal walkdown complete.
 - Health Physics Vent Removal package pre-reqs complete.
 - Package in pre-reqs as of 2/22 for overheat removal (ECR complete).

Cerium Nitrate

- CeN decontamination procedure is complete and approved.
- Internal management review to be performed prior to hot startup.

MAA/PA Closure

- Characterization of plant Standards continues in order to determine a path forward for processing and disposition. There are a number of Standards where a disposition path is not defined.
- The scans of 30 CSV pallets identified in a statistical sampling plan are complete. All container pallets scan at gram values between approximately 6 – 15 grams within the 95% confidence limit.
- A conceptual design for the characterization of the B371 Central Storage Vault has begun. This measurement system will support the closure of the MAA.
- Comments from DOE Safeguards and Security are being incorporated into the Closure Plan.
- A schedule for B371 Closure activities is being prepared.
- A crosscheck was performed of the IDCs currently stored in the Central Storage Vault (CSV) with HSP 31.11 requirements (i.e. material requiring storage in an inert atmosphere or on a heat sink/heat detector). Removal from the Central Storage Vault of IDCs exempt from the HSP 31.11 requirements is being investigated. Evaluation of potential storage of these items in other vaults and/or prioritizing these items through the PuSPS or Residue feed lines is being considered.
- Disposition of the IDCs requiring storage in an inert atmosphere (or on a heat sink/heat detector) through the PuSPS program will be prioritized. The approach is to de-inert the CSV as soon as possible.

Breathing Air Modification

- Room 2103 electrical and mechanical modifications are in progress.
- Bottle moves finished 3/5/02.
- Room 2103 wall will be replaced after installation of piping.
- Installing B371 breathing air drops (6 of 10 drops completed). Waiting on ECR for S.O. test information.

Cold Area D&D

- Engineering of the B381 fluorine building is complete; mechanical and electrical isolation packages are in planning; clean out is complete; completed check to verify fluorine piping is empty.
- Fire Phone IWCP work is completed.. The LSDW work is complete.
- Room 3179 engineering is complete, will get packages ready, and work when craft personnel are available.
- Area AM (Rooms 4101, 4102, 4103 and 4104) preliminary engineering is complete and in the walk-down phase with craft personnel.
 - IWCP for the Electrical Isolations is with KH Construction. Intrusive walkdowns to start this week
 - IWCP for mechanical isolations walkdown is complete (package in pre-reqs).

- Mechanical engineering package for demolition of the UGST is in final signatures; resolving fire alarm wiring issue with electrical isolation package, which is currently being routed for signatures.

Set 7 Dismantlement

- Electrical dismantlement (Room 3305) is 70% complete.
- Ancillary equipment mechanical isolation (Room 3305) is 60% complete.
- Working GB75 removal.
- Waterwall drain package is ready to work, pending the sequence of work in the building.

Set 21 Dismantlement

- Working electrical isolations for Saltcrete.
- WGIs are ready for this demo.
- Floor loading for man-lifts approved.

Set 14 Dismantlement

- Lead removal package is complete.
- Electrical isolation is 60% complete.
- Draining of waterwalls, port covers and windows is 30% complete.
- Mechanical isolation package has started; LO/TO is done.
- Removal of glovebox contents has started.
- Package for cold glovebox / cold tank will go to KH Construction. Currently developing IWCP package (draft of IWCP package completed).
- Size reduction tent has been ordered.

Set 36 (Rooms 3709 and 3719) Dismantlement

- Working as contingent work.
- 70% complete with the exception of control panels, which are anticipated to complete in March.

ENVIRONMENTAL STATUS
REGULATED ITEMS

SET	AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
	AM	Tanks: D-200, D-241, D-242, D-243, and D2860 Electric Motor/Pump Tanks: D261A, D261B, D253A, D253B, D254A, D254B, D223, D210, D204, D723, D250, D224, D249, D205, D203, D207, D256, D255, D309 Tank D250 Tank D254A Glovebox, Pumps, Motors, Piping		4103 4103 4104	Evaluating for Idle Equipment and inspection frequency
			IE: 371-03 IE: 371-04 N/A	4104 4104 4104	Contains approximately 200 gallons of HNO3 7.5 N + 1% H2SO4 Contains approximately 1-2 gallons of 12 N HNO3 Evaluated and will not be included in the IE inventory
3		Tanks: D132A, B, and C Tanks: D64 D65 Nitric Acid Recirc. pump 31-11, P-28A Nitric Acid Recirc pump 31-11, P28B Nitric Acid Recirc pump 31-11, P29A Nitric Acid Recirc pump 31-11, P29B Nitric Acid pump 31-15, P63 Pumps P-28A, P-28B, P-29A, and P-29B Pumps P-33A, P-33B, P-34A, P-34B	MRT N/A IE: 0049 IE: 0050 IE: 0051 IE: 0052 IE: 0054 IE: 0107 IE: 0109	3517 3517 3517 3517 3517 3517 3517	Raschig Rings removed from Tank D132A. No visible sludge or rings remaining; these tanks will be closed pursuant to "Unit Removal without On-Site Treatment" (Section 5.1.3, Component Removal RSOP) and dispositioned as non-hazardous waste. Raschig Rings removed from Tanks D64 and D65. No visible sludge or rings remaining; these tanks will be closed pursuant to "Unit Removal without On-Site Treatment" (Section 5.1.3, Component Removal RSOP) and dispositioned as non-hazardous waste. Evaluated and will not be included in the IE inventory
4		Tanks: D133, D150, D151, D152A, D152B	MRT	3571	Raschig Rings removed from Tanks D152A and D152B. No visible sludge or rings remaining; these tanks will be closed pursuant to "Unit Removal without On-Site Treatment" (Section 5.1.3, Component Removal RSOP) and dispositioned as non-hazardous waste.

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ENVIRONMENTAL STATUS - REGULATED UNITS, cont.

SET AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
4	Ancillary Equipment: Evaporator-reboiler E-55, Evaporator Bottoms Cooler E-56, Condenser E-57, and Nitric Acid Feed Heat Exchanger E-62.	MRT	3571	
	Evaporator Bottoms Pump 31-18 P49A	IE: 0079	3571	
	Evaporator Bottoms Pump 31-18 P49B	IE: 0080	3571	
	Pumps 33 A&B, 34 A&B	IE: 0109	3571	
5	Tanks: D134A, D134B D134C, D135A, D135B, D289A, D289B, and D289C.	MRT	3573	Raschig Rings removed from all Tanks listed. No visible sludge or rings remaining; these tanks will be closed pursuant to "Unit Removal without On-Site Treatment" (Section 5.1.3, Component Removal RSOP) and dispositioned as non-hazardous waste.
7	Container Storage - Room	371.1A	3301	
	Mixed Residue Tank - Ancillary Equipment only	N/A	3303	
	Container Storage - Room	371.1A	3305	The container storage refers to 3 crated gloveboxes only. The first crated glovebox, X16534, has been removed and temporarily stored in room 3408 awaiting a cargo.
	Pumps: P171, P172, P173, P174, P175, P176, P177, P178, P179, P180	IE: 0122	3305	
	Mixed Residue Tank - Ancillary Equipment only	N/A	3305	
	Mixed Residue Piping in room 3305	MRT (ancillary equip.)	3305	Piping to be removed using the walls in the room as the boundary. The piping portion of the unit will be closed using Clean Closure Option #1 under the B371/4 DOP.
	Container Storage - Glovebox 37C	90.104	3305	
	Container Storage - Room	371.1A	3315	
	GB Storage - GB#32	371.1B	3315	
12	CWTS: GB 2401	371.3A	1105	
	CWTS: GB 2402, 2403	371.3A	1103	
	CWTS: GB 18, 23, 2404	371.3A	1115	
	CWTS: Tanks 2401A, B, C & D, 2402A & B, and 2403	371.3A	1103	
	Master process control and alarm panel	N/A	1113	
	Container Storage - Room	90.14	1111	Not currently in Permit - to be closed

Continued to next page

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ENVIRONMENTAL STATUS - REGULATED UNITS, cont.

SET	AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
12		Container Storage - Room	90.19	1115	Not currently in Permit - to be closed
		Tanks: D-44A-1, D-44A-2, D-44A-4, D-44A-5, D-44A-6, D-44B-1, D-44B-2, D-44B-4, D-44B-5, D-44B-6	MRT	1107	
		Tanks: D-43A-1, D-43A-2, D-43A-3, D-43A-4, D-43A-5, D-43B-1, D-43B-2, D-43B-3, D-43B-4, D-43B-5	MRT	1109	
		Tanks: D-160A, B, D-400A, B, D, D-179	MRT	1115	
		Tanks: D-2A, B, D-157A, B, D-238A, B, D-240A, B, D-170, D-171	MRT	1117	
		Tanks: D-293A & B	MRT	1127	
		Container Storage - Room	371.1A	1103	
		Vault Container Storage	371.1C	1101	
		Wash Liquid Pump 31-17, P-182	IE: 0008	1117	
		HAS Waste Pump 34-04, P4B, Tank D4B from E9, T10 to 2, D811	IE: 0009	1117	
		HAS Waste Pump 34-04, P3A, Tank D3A, from E1, E80 to D811	IE: 0010	1117	
		HAS Waste Pump 34-04, P3B, Tank D3B, from E1, E80 to D811	IE: 0011	1117	
		HAS Waste Pump 34-04, P4A, Tank D4A, from E9-E10 to D2, D811	IE: 0012	1117	
		Pumps P-140, P-141A, P-141B	IE: 0113	1115	
		Pumps P-181 and P-182	IE: 0114	1117	
		Pumps P-5A, P-5B, P-6A, P-6B, P-7A, P-7B, P-15A, P-15B, P-27A, P-27B, P-107A, P-107B, JP-108A, P-108B	IE: 0115	1125	
13		Tank D-292A & B	MRT	2317	
		Tank D933	IE: 371-11	2317	
		Pumps P-21A, P-914	IE: 0117	2307	
		Pumps P-85A, B, C; P-27A, B, C	IE: 0119	2317	
		Tank D67, D277A/B, D912, D914, D916, D922 A/B		2317	Evaluating for Idle Equipment and inspection frequency

Continued to next page

ENVIRONMENTAL STATUS - REGULATED UNITS, cont.

SET AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
14	Container Storage - Room Mixed Residue Piping in room 2325	371.1A MRT (ancillary equip.)	2325 2325	Piping to be removed using the walls in the room as the boundary. The piping portion of the unit will be closed using Clean Closure Option #1 under the B371/4 DOP.
16	Container Storage - Room Tank D-70 Tanks T-23A, B, C, D Tanks: T-11 A/B/C/D, T-12 A/B/C/D, T 13 A/B/C/D	90.71 IE: 0055 ID: 0104	3511 3521 3523	Tank not listed in Table 3, DOP Set Descriptions Evaluating for Idle Equipment and inspection frequency
18	Tanks: D816, D817, D818, D819, D820, D821, D822, D823, D826A, D826B, D826C.	374.3	3801	
	See Set 19 also			
19	Tanks: D827, D830, D832, D834, D876, D879, T802, T803, T804, T805. Tanks: D802A, B, C, D804A, B, C, D, D811A, B, D843, D852, D875, D847, D851. Tanks: D806, D807A & B, D808, D843, D942. Tanks: D801A, B, & C, D826C, D878, D883A & B, D884,	374.3 374.3 374.3 374.3	3810/4814 2804 2804/3801 2804/3801/ 3803/3805/ 3809/3810/ 4802/4812	Tanks D883A/B have been declared RCRA Stable and transferred to D&D
19/21	Spray Chamber W803, Spray Dryer Baghouse FL803	374.3	2804/3801/ 3803/3805/ 3809/3810/ 4802/4812	
19/21	Tanks: D824A & B, DD825 A & B, D844 A & B, D848	374.3	2804/3801/ 3803/3805/ 4805/4807	
19	Drum Filter Basins: FL802A & B, Sludge Dryer: W801, Dry Sludge Hopper: H3, Dry Sludge Conveyors: CV813A & B	374.3	2804/3801/ 3803/3805/ 4805/4807	

Continued to next page

SET AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
24	GB Storage - GB's 72B and 72C	371.1B	3408	GB's 72B and 72C have been closed by "Unit Removal in Conjunction with 'Debris Rule' Treatment".
	Mixed Residue Tank - Ancillary Equipment	N/A	3408	
56	Tanks: D806 and D807A/B, 808, 812, 813, 814, 815, Polishing Filter FL831	374.3	3801	Tanks D807A/B, D808, D813, D814, D815, and D816 have been declared RCRA Stable and transferred to D&D.
	GB Storage - GB's 107 and 113	374.3	3801	
57	No RCRA Units			
58	Tanks: D825A, D825B, D844A, D844B, D848	374.3	3803/4805/4807	Tanks: 825A, D825B, D844A, D844B, D848 have been declared RCRA Stable and transferred to D&D.
	Ancillary Equipment: FL802A, FL802B, W801, H3, CV813A, CB813B, CV808, CV812, CV813A/B, CV816, W801, H3, FL802A/B, T807, E804A/B/C, E817A/B, P806A/B, P815A/B, P816A/B, P862A/B.	374.3	3803/4805/4807	
	GB Treatment: GB's 115 AB, 116AB, 117AB, 118 AB.	374.3	3803/4805/4807	

Basis for Interim Operations (BIO)

Week Ending 03-08-02

PuSPS Page Changes

- Process less than 80% Pu oxides
 - Approved by PRC
 - Submitted to DOE Thursday, February 14, 2002

Operations Page Changes

- Page change to incorporate all JCOs
 - Approved by PRC
 - Submitted to DOE Thursday, February 14, 2002
- Residue Product Carts
 - Still waiting for DOE approval

BIO Update

- Building 371/374 PHA
 - Draft completed 02-28-02; comments due 03-12-02

D&D Support

- Out-of-commission
 - USQDs completed for placing dismantlement sets out-of-commission:

Set	Date Completed	Date to DOE	Response Due	Response/ Approval
24	09-27-01	10-01-01	10-08-01	10-01-01
7	10-24-01	10-30-01	11-06-01	11-06-01
14	11-13-01	11-28-01	12-05-01	12-05-01
13	12-13-01	12-18-01	12-25-01	01-30-02
21, Ph. I	12-11-01	01-15-02	01-22-02	01-29-02
12, Ph. I	01-02-02	01-15-02	01-22-02	01-29-02
15	01-09-02	01-24-02	01-31-02	N/A
15	02-19-02	02-26-02	03-05-02	*
AM, Ph. I	02-27-02	03-11-20	03-18-02	
PWTS	Cancelled			
21, Ph. II				
Process Vent, Sets 12/13	03-07-02			

- * Received comments from Bostic, 03-04-02, concerning the removal of stored waste from room during D&D activities.